Listing of Claims

1. (Currently Amended) A communication pad mounting structure of a refrigerator, comprising:

a seating space provided at a door for selectively opening and closing a storage space formed in a main body of the refrigerator such that a front face thereof is open;

a communication pad detachably seated in the seating space, the communication pad inputting operational signals and displaying a variety of information;

a supporter, provided in the seating space, for supporting the communication pad; and

a connector for pivotably connecting the supporter in the seating space, the connector adjusting to allow the communication pad to move between extended and retracted positions relative to the seating space, wherein:

the connector is coupled to the supporter to allow the communication pad to rotate throughout a predetermined range of angles while in the extended position, ~~and wherein~~

a front surface of the communication pad is located entirely out of the seating space in the extended position,

the connector comprises a slot of a predetermined length formed along a surface of the seating space, and a link portion for connecting the supporter to the slot so that the supporter rotates relative to the slot,

the link portion comprises a pair of links, wherein an end of each of the links is connected to the slot in order to pivot and move along the slot and another end of each of the links is pivotably connected to a side of the supporter, and

the other ends of the links connected to the supporter are connected pivotably about a same rotational shaft.

2. (Previously Presented) The mounting structure as claimed in claim 1, wherein the supporter includes a holder for supporting at least two surfaces of the communication pad in such a manner that the communication pad is mounted in the holder of which the front surface is partially opened so that the communication pad can be seen from the outside.

3-5 (Canceled)

6. (Currently Amended) The mounting structure as claimed in claim 1 [[5]], wherein the links are formed in a curved shape with a same radius of curvature.

7. (Currently Amended) A communication pad mounting structure of a refrigerator, comprising:

a seating space formed at a surface of the refrigerator so that a front of the seating space is opened;

a communication pad detachably seated in the seating space and providing signals for the refrigerator;

a supporter for supporting the communication pad so that at least a front surface of the communication pad is exposed; and

a connector for pivotably connecting the supporter in the seating space,

wherein the connector moves within at least one slot that is at least substantially parallel to the front surface of the communication pad, to allow the communication pad to rotate throughout a predetermined range of angles, the at least one slot formed in a back surface of the seating space and wherein a front surface of the communication pad is located entirely out of the seating space during rotation,

wherein the connector comprises a link portion for connecting the supporter to the slot so that the supporter rotates relative to the slot,

the link portion comprises a pair of links, wherein an end of each of the links is connected to the slot in order to pivot and move along the slot and another end of each of the links is pivotably connected to a side of the supporter, and

the other ends of the links connected to the supporter are connected pivotably about a same rotational shaft.

8. (Previously Presented) The mounting structure as claimed in claim 7, wherein the supporter comprises:

a holder for supporting upper and lower surfaces of the communication pad,

wherein a front portion of the holder is at least partially opened to allow the communication pad to be visible from a predetermined location relative to the refrigerator, and wherein at least one side of the holder is opened to allow the communication pad to movably mounted relative to the seating space.

9. (Previously Presented) The mounting structure as claimed in claim 8, wherein a pair of slots is formed along opposing surfaces of the seating space; wherein two pairs of links are coupled to respective ones of the slots, and wherein the link in each pair has an end connected to a respective one of the slots to pivot and move along the slot and another end pivotably connected to a respective side of the holder.

10. (Previously Presented) The mounting structure as claimed in claim 9, wherein the other ends of each pair of the links connected to the holder are connected pivotably about a same rotational shaft, and the links are formed in a curved shape with a same radius of curvature.

11. (Previously Presented) The mounting structure as claimed in claim 1, wherein the front surface of the communicated pad is located entirely out of the seating space in both the extended and retracted positions.

12. (Previously Presented) The mounting structure as claimed in claim 1, wherein the connector includes at first and second reciprocating members which move in opposite directions to allow the communication pad to move between the extended and retracted positions.

13. (Previously Presented) The mounting structure as claimed in claim 12, further comprising: a slot formed at least substantially parallel to the front surface of the communication pad when the communication pad is in the retracted position, wherein the slot is formed along a recessed surface of the seating space and wherein first ends of the first and second reciprocating members move in opposite directions along said slot to allow the communication pad to move between the extended and retracted positions.

14. (Currently Amended) A ~~The~~ communication pad mounting structure ~~as claimed in claim 13~~, comprising:

a seating space provided at a door for selectively opening and closing a storage space formed in a main body of the refrigerator such that a front face thereof is open;

a communication pad detachably seated in the seating space, the communication pad inputting operational signals and displaying a variety of information;

a supporter, provided in the seating space, for supporting the communication pad; and

a connector for pivotably connecting the supporter in the seating space, the connector adjusting to allow the communication pad to move between extended and retracted positions relative to the seating space, wherein:

the connector is coupled to the supporter to allow the communication pad to rotate throughout a predetermined range of angles while in the extended position,

a front surface of the communication pad is located entirely out of the seating space in the extended position,

the connector includes at first and second reciprocating members which move in opposite directions to allow the communication pad to move between the extended and retracted positions,

a slot is formed at least substantially parallel to the front surface of the communication pad when the communication pad is in the retracted position, wherein the slot is formed along a recessed surface of the seating space and wherein first ends of the first and second reciprocating members move in opposite directions along said slot to allow the communication pad to move between the extended and retracted positions, and

~~wherein~~ the first ends of the first and second reciprocating members are respectively coupled to first and second rollers that move within the slot in opposite directions to allow the communication pad to move between the extended and retracted positions.

15. (Previously Presented) The mounting structure as claimed in claim 14, wherein second ends of the first and second reciprocating members are pivotally coupled to a same location on the supporter.

16. (Previously Presented) The mounting structure as claimed in claim 15, wherein said same location is substantially at a center of one surface of the holder, the second ends of the first and second reciprocating members being pivotally connected to the supporter at said center.

17. (Previously Presented) The mounting structure as claimed in claim 13, wherein the first and second reciprocating members have substantially a same radius of curvature, each of said members having a concave curvature relative to a back surface of the supporter.

18. (Currently Amended) A ~~The~~ communication pad mounting structure ~~as claimed in claim 13~~, comprising:

a seating space provided at a door for selectively opening and closing a storage space formed in a main body of the refrigerator such that a front face thereof is open;

a communication pad detachably seated in the seating space, the communication pad inputting operational signals and displaying a variety of information;

a supporter, provided in the seating space, for supporting the communication pad; and

a connector for pivotably connecting the supporter in the seating space, the connector adjusting to allow the communication pad to move between extended and retracted positions relative to the seating space, wherein:

the connector is coupled to the supporter to allow the communication pad to rotate throughout a predetermined range of angles while in the extended position,

a front surface of the communication pad is located entirely out of the seating space in the extended position,

the connector includes at first and second reciprocating members which move in opposite directions to allow the communication pad to move between the extended and retracted positions,

a slot is formed at least substantially parallel to the front surface of the communication pad when the communication pad is in the retracted position, wherein the slot is formed along a recessed surface of the seating space and wherein first ends of the first and

second reciprocating members move in opposite directions along said slot to allow the communication pad to move between the extended and retracted positions, and

~~wherein~~ a length of the slot is smaller than a corresponding length of a back surface of the supporter.

19. (Previously Presented) The mounting structure as claimed in claim 1, wherein the communication pad includes a wireless communication unit that communicates wirelessly with the refrigerator.

20. (Currently Amended) The mounting structure as claimed in claim 1, wherein two connectors support the ~~holder~~ supporter at opposing surfaces of the supporter, to allow the communication pad to move between the extended and retracted positions.